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TVCC10520

Pinhole 520 TVL Board Camera

This Eyseo board camera with pinhole lens delivers maximum image quality on minimal space. With a size of only 32 x 32 x 20 mm (WxHxD) and the tiny, hardly visible pinhole lens, it is perfectly suited for absolutely hidden mounting behind pictures, file folders, or in suitcases. But also in process optimization and quality assurance in production and logistics, these cameras provide valuable services. The board camera is equipped with a very light–sensitive 1/3" Sony Super HAD CCD. With impressive 520 TV lines, it delivers color recordings at the highest level – with a higher resolution than many big cameras (down to a light intensity of 0.9 lux). The integrated pinhole lens has a tiny diameter, an extremely flat construction, a focal length of 3.7 mm, and a horizontal field of view of 68°. The Eyseo board camera has functions such as ELC (Electric Light Compensation), BLC (Back Light Compensation), AGC (Automatic Gain Control) and AWB (Automatic White Balance). It is intended for indoor usage. In addition to compact construction, high image quality, and varied applicability, the camera also convinces with low power consumption.

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Technical Data	
Image sensor	1/3" Sony Super HAD CCD
DSP	Nextchip
Camera type	Board camera
Resolution	520 TVL
Image elements (total)	795 (H) x 596 (V)
Image elements (effective)	752 (H) x 582 (V)
Lens	Pinhole, 3.7 mm
Horizontal field of view	68°
Lense control	DC
Minimum lighting (color)	0.9 lux @ F2.3, 30 IRE
Electronic shutter	AES
White balance	AWB
Gain control	AGC
Backlight compensation	BLC (On/Off)
Video system	PAL
Signal–to–noise ratio	48 dB
Synchronization	Internal
Connections	FBAS, 1 Vss; 75 Ohm (BNC); 5.5 x 2.1 mm (DC)
Power supply	12 VDC
Power consumption	1.5 W
Operating temperature	–10°C ~ +50°C
Humidity	0~85%, non–condensating
Dimensions (WxHxD)	32 x 32 x 20 mm
Weight	30 g
Certifications	CE

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